

# Kenneth Liang

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[LinkedIn](#)

[Github](#)

[Portfolio](#)

San Francisco, CA

## SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, MongoDB, Node.js, Express.js, MySQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku, Tableau, JIRA, Zendesk, Amazon Web Services (AWS), Babel, Rest API, Python (learning)

## PROJECTS

**Seat Check** (JavaScript, SQL, Ruby/Rails, JS web frameworks React/Redux, AWS cloud S3, Google Maps APIs)

[Live Site](#) | [Github](#)

*A full-stack web application with an OpenTable-inspired UX/UI, where users can reserve seatings at their local restaurant.*

- Utilized Redux lifecycle methods, AJAX calls, and RESTFUL API to create reservations, leave reviews, and add restaurants to a user's favorites list
- Designed interactive search and filtering system (price, location, cuisine, etc.) to dynamically refine fetched results, which eliminated the need for additional asynchronous calls
- Combined React state with PostgreSQL using JBuilder to optimize queries to databases
- Leveraged AWS S3 architectures for image storage, availability, and file compression to reduce latency and storage cost

**FitBook - Front-end Lead** (MongoDB, Express.js, ReactJS, NodeJS, NoSQL, Bootstrap, Typescript)

[Live Site](#) | [Github](#)

*Fitness tracking web application that allows users to create, track, and share custom workouts*

- Facilitated team discussions and decisions around writing high-quality design specifications and agile development
- Utilized Mongoose ORM to map results of database queries onto JavaScript objects to be manipulated and returned to frontend, separating concerns and following MVC best practices.
- Improved user functionality by incorporating an easy to use dynamic calendar and image previewer
- Implemented user authentication using MongoDB, Node, Express.js by utilizing JSON Web Token (JWT)

**WorldWide Pen** (JavaScript, HTML5, CSS3)

[Live Site](#) | [Github](#)

*A JS incremental game that pits you against market forces. Your job is to make and sell pens - but as you earn more money, you get better and new ways to do the job.*

- Incorporated the use of localStorage to save user's data in the browser and persist even when the window is closed.
- Engineered unfolding layers of gaming complexity of game state changes that rely on Object-Oriented Programming
- Generated elements of automation that allow the game to be played even with fewer user actions
- Authored algorithms to generate a subsequent cost for upgrades to strike a balance between predictability and scalability

## EXPERIENCE

**Senior Credit Operations Analyst**

*LendingClub*, Nov 2018 - Dec 2019

- Used analytical techniques to investigate loan performance data and identify pockets of underperformance and conduct root cause analysis to help recommend risk mitigation or enhance financial services
- Developed test automation model that identifies fraud exploitations that prevents \$18 million in losses annually
- Integrated 3rd party APIs to analyze bank transaction data that reduces loss from delinquency and improve customer borrowing eligibility
- Transformed one-time projects into repeatable code for production in a fast-paced environment

**Credit Analyst**

*LendingClub*, July 2017 - Nov 2018

- Acted as the friendly credit subject matter expert (SME) helping others and collaborating cross-functionally with learning and development, sales, payments, quality assurance, risk, and underwriting teams.
- Slashed abandoning rates by 15% in high-volume hours by leading Member Support MarketPlace initiative to improve customer satisfaction
- Issued \$74.85 million loan revenue in first 12 months and averaged 98% QA score maintaining top 10 ranking monthly

**TripShot Technician**

*Google*, Feb 2016 - July 2017

- Responsible for troubleshooting, migrating, and updating software on Android devices
- Prepared accurate documentation and communication to diagnose the technical issues and create efficient debug solutions
- Headed all applicable mobile hardware & software inventory

## EDUCATION

**App Academy** - Immersive software development course with focus on full-stack engineering and computer science (Summer 2020)

**San Jose State University** - BS - Business Analytics (Winter 2016)